LABDEX

Slide Printer LX100SP

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Description

Slide Printer LX100SP is a UV laser-based, ink- and ribbon-free system for high-resolution marking of microscope slides. It features a built-in colour touchscreen display, an integrated 2D barcode/QR code scanner, and supports batch and manual printing. Its compact design with automatic slide handling, stack collection, and air filtration ensures efficient laboratory workflow and slide traceability.

Specifications

Printing technology	UV Laser direct
Printing speed	≤ 6 Sec/Slide
Printing capacity	≥ 10 Slides/Min
Marking resolution	2500 DPI
Marking range	50 x 50 mm
UV Laser power	1 W
Loading capacity	≥ 100 Slides
Collection capacity	≥ 40 Slides
Extended collection	≥ 200 Slides with collector
Glass slides	2 Boxes (50 Pieces/Box)
Slide loading rack	2
Slide loading	Pluggable loading rack
Slide output	Horizontal, Right slide
Air filtration	Yes

Collection system	Fixed stack type collection
Machine width	≤ 21 cm
Display	Built in colour touchscreen
Operating system	Windows
Interface port	USB + RJ45
Power supply	Ac, 100 - 240, 50 - 60 Hz
External dimension	490 x 200 x 375 mm
Net weight	22 Kg
Packing dimension	610 x 380 x 630 mm
Gross weight	38 Kg

Features

- Ink & ribbon-free UV laser marking
- High-resolution 2D barcode/QR code
- Supports painted microscope slides
- Batch & manual printing
- USB Data import/export
- Integrated 2D code scanner
- Automatic templates & U Disk parameters
- Compact design with stack collection & air filtration
- Optional independent slide collector

Applications

- Used for high-precision printing and marking of patient, sample, barcode/QR code, and other identification information directly on microscope slides. Suitable for laboratory, pathology, and histology slide identification and traceability.

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